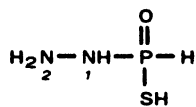
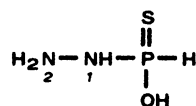


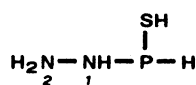
Phosphonohydrazidothious acid



or



Phosphonohydrazidothious acid [35008-40-3]



Phosphonomycin

See *Phosphonic acid*, [(2*R*,3*S*)-3-methyloxiranyl]- [23155-02-4]

Phosphononitridic bromide

cyclic trimer — see 1,3,5,2,4,6-Triazatriphosphorine, 2,4,6-tribromo-2,2,4,4,6,6-hexahydro- [25540-05-0]

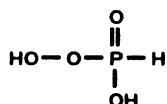
Phosphononitridic chloride [57408-65-8]



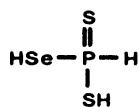
Phosphononitridic fluoride [158665-10-2]



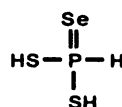
Phosphonoperoxoic acid [25756-95-0]



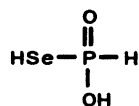
Phosphonoselenodithioic acid [25756-96-1]



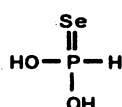
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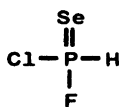
Phosphonoselenoic acid [25756-97-2]



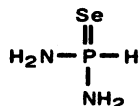
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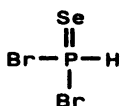
Phosphonoselenoic chloride fluoride [39605-97-5]



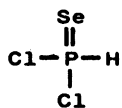
Phosphonoselenoic diamide [25756-98-3]



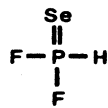
Phosphonoselenoic dibromide [15096-88-5]



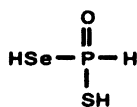
Phosphonoselenoic dichloride [14939-28-7]



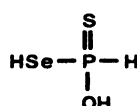
Phosphonoselenoic difluoride [26144-62-7]



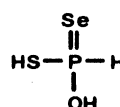
Phosphonoselenothioic acid [25841-79-6]



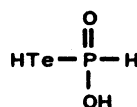
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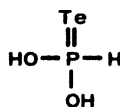
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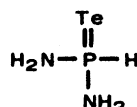
Phosphonotelluroic acid [25756-99-4]



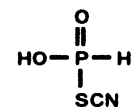
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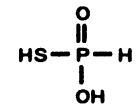
Phosphonotelluroic diamide [27751-67-3]



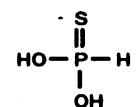
Phosphono(thiocyanatidic) acid [61559-68-0]



Phosphonothioic acid [19028-32-1]



or



Cyclic derivatives, including cyclic anhydrides and esters, of phosphonothioic acid are indexed at the ring names. Thus, the cyclic *O,O*-(methylene-1,2-phenylene) ester of methylphosphonothioic acid is indexed at 4*H*-1,3,2-Benzodioxaphosphorin, 2-methyl-, 2-sulfide

—, **carboxy-**
O,O,O-triethyl ester — see *Phosphinecarboxylic acid*, diethoxy-, ethyl ester, sulfide [6709-33-7]

—, **dithiobis-**
See *Thioperoxydiphosphoric acid* (((*HO*)(*HS*)*P*(*O*)₂*S*₂) [14616-62-7]

—, **isocyanato-**
See *Phosphorisocyanatidothioic acid* [23783-37-1]

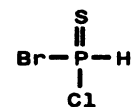
—, **isothiocyanato-**
See *Phosphor(isothiocyanatido)thioic acid* [23783-87-1]

—, (4-morpholinyl)dithio)-
O,O-diethyl ester — see *Morpholine*, 4-[(diethoxyphosphinothioyl)-dithio]- [13752-50-6]

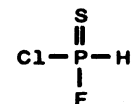
—, (1-piperidinyl)dithio)-
O,O-diethyl ester — see *Piperidine*, 1-[(diethoxyphosphinothioyl)-dithio]- [16314-42-4]

—, **trithiodi-**
O,O,O-tetraethyl ester — see 3,9-Dioxo-5,6,7-trithia-4,8-diphosphaundecane, 4,8-diethoxy-, 4,8-disulfide [6926-73-4]

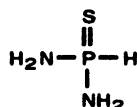
Phosphonothioic bromide chloride [25757-00-0]



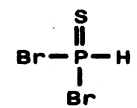
Phosphonothioic chloride fluoride [25757-01-1]



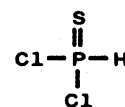
Phosphonothioic diamide [15176-86-0]



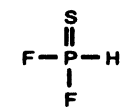
Phosphonothioic dibromide [15176-85-9]



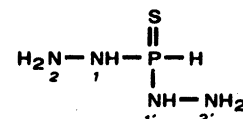
Phosphonothioic dichloride [15176-84-8]



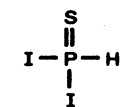
Phosphonothioic difluoride [13780-63-7]



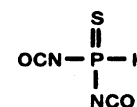
Phosphonothioic dihydrazide [15176-88-2]



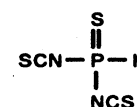
Phosphonothioic diiodide [31864-60-5]



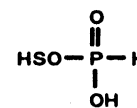
Phosphonothioic diisocyanate [34858-95-2]



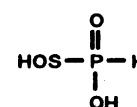
Phosphonothioic diisothiocyanate [4937-93-3]



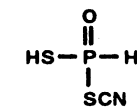
Phosphono(thioperoxoic) acid [130728-86-8]



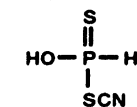
or



Phosphonothio(thiocyanatidic) acid [25757-02-2]



or



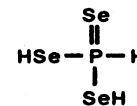
Phosphonothious acid [25757-03-3]



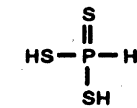
Phosphonothrixin

See *Phosphonic acid*, [2-hydroxy-2-(hydroxymethyl)-3-oxobutyl]- [161803-17-4]

Phosphonotriselenoic acid [32481-81-5]



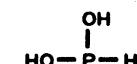
Phosphonotrithioic acid [25757-04-4]



bimol. cyclic anhydrosulfide —

see 1,3,2,4-Dithiadiphosphetane, 2,4-disulfide [15176-51-9]

Phosphonous acid [14332-09-3]



Cyclic esters, anhydrides and hydrazides of phosphonous acid and its derivatives are indexed at the ring names. Thus, the cyclic 1,2-phenylene ester of methylphosphonous acid is indexed at 1,3,2-Benzodioxaphosphole, 2-methyl-

Phosphonous acid and its derivatives are indexed at the tautomeric *Phosphinic acid* unless both hydroxyl groups are engaged in anhydride, ester and/or salt formation

cyclic 1,2-ethanedyl ester — see 1,3,2-Dioxaphospholane [4757-26-0]

—, **iminobis-**
See *Imidodiphosphorous acid* [27590-07-4]

—, **isocyanato-**
See *Phosphorisocyanatidous acid* [23852-43-9]

—, **phenyl-**
cyclic 1,2-phenylene ester — see 1,3,2-Benzodioxaphosphole, 2-phenyl- [4759-37-9]

—, **thio-**
See *Phosphonothious acid* [25757-03-3]